

**ABSTRACT**

A system and method for providing security and network management, as well as for increasing the performance in a communication system. A master agent unit is provided in the communication system along with a number of slave units. One or more spreading sequences would be generated by the master agent and securely sent to each of the slave agents in the communication system. The spreading sequence would be changed by the master agent periodically or nonperiodically. The spreading sequence would be used by each of the slave agents for communication in the communication system or network.